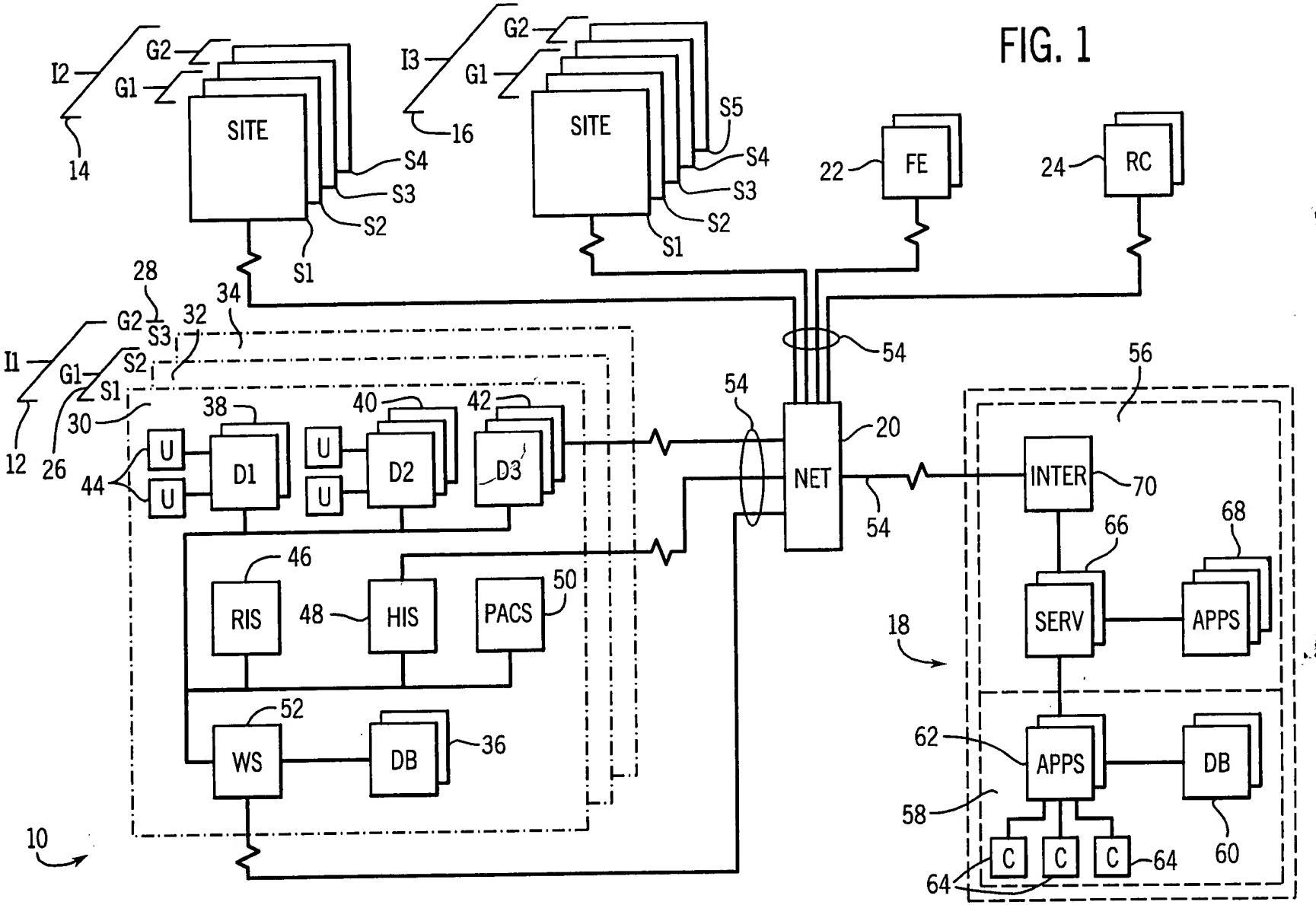
6062261 "2526262"

FIG. 1



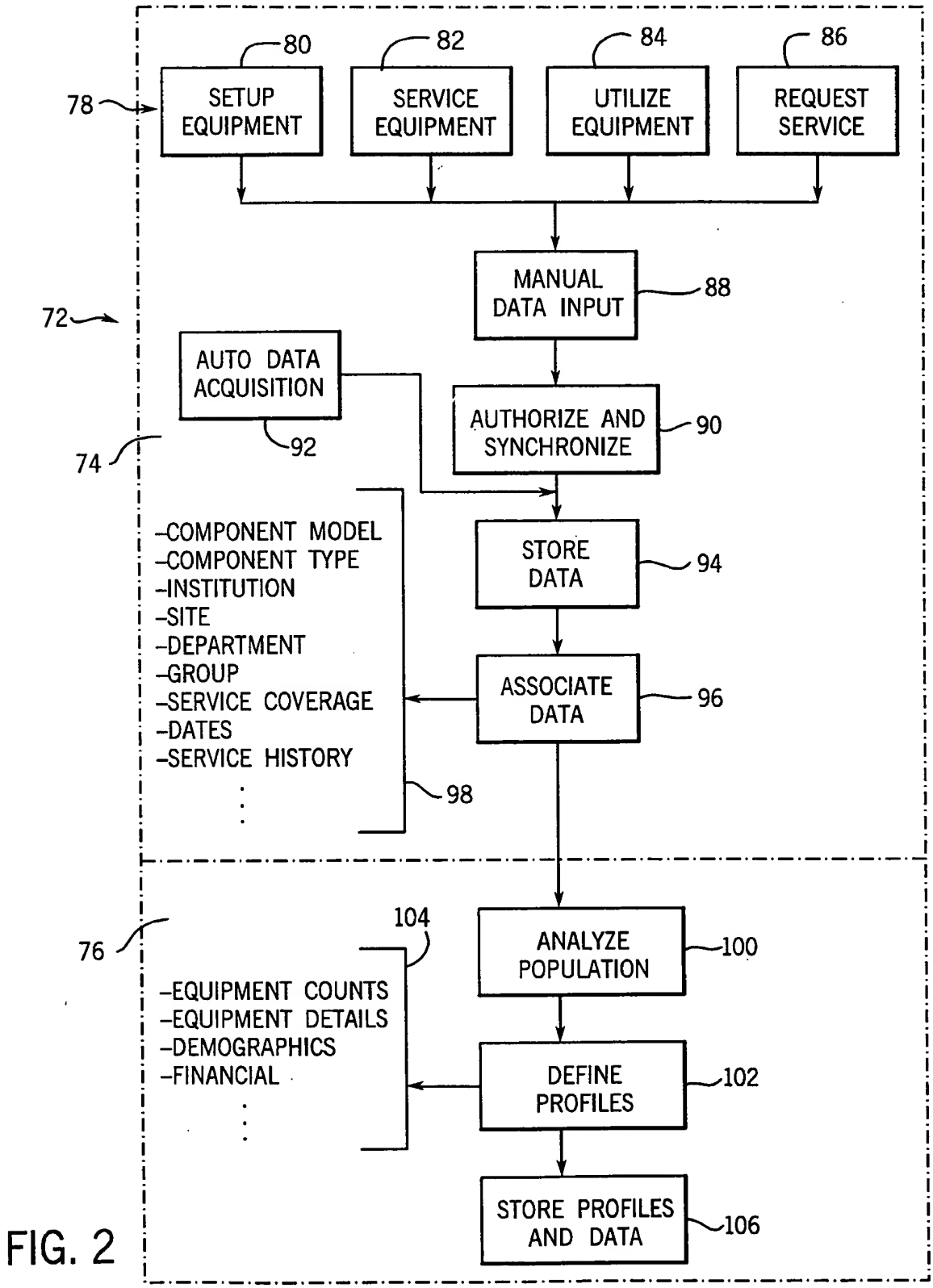

78
80
SETUP EQUIPMENT
82
SERVICE EQUIPMENT
84
UTILIZE EQUIPMENT
86
REQUEST SERVICE
72
MANUAL DATA INPUT
88
AUTO DATA ACQUISITION
92
74
AUTHORIZE AND SYNCHRONIZE
90
-COMPONENT MODEL
-COMPONENT TYPE
-INSTITUTION
-SITE
-DEPARTMENT
-GROUP
-SERVICE COVERAGE
-DATES
-SERVICE HISTORY
STORE DATA
94
ASSOCIATE DATA
96
98
76
104
ANALYZE POPULATION
100
-EQUIPMENT COUNTS
-EQUIPMENT DETAILS
-DEMOGRAPHICS
-FINANCIAL
DEFINE PROFILES
102
STORE PROFILES AND DATA
106

FIG. 2

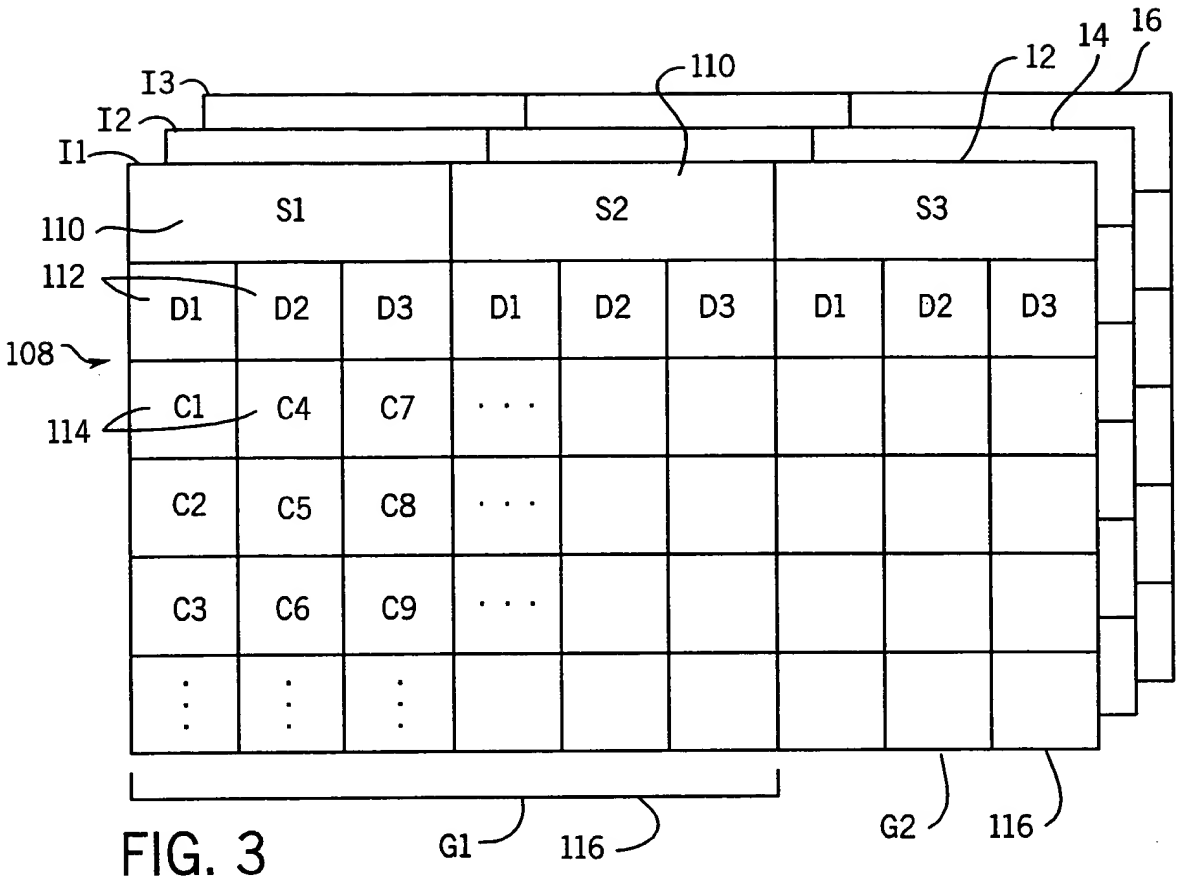

I3
I2
I1
110
12
14
16
S1
S2
S3
110
112
D1
D2
D3
D1
D2
D3
D1
D2
D3
108
114
C1
C4
C7
C2
C5
C8
C3
C6
C9
G1
116
G2
116

FIG. 3

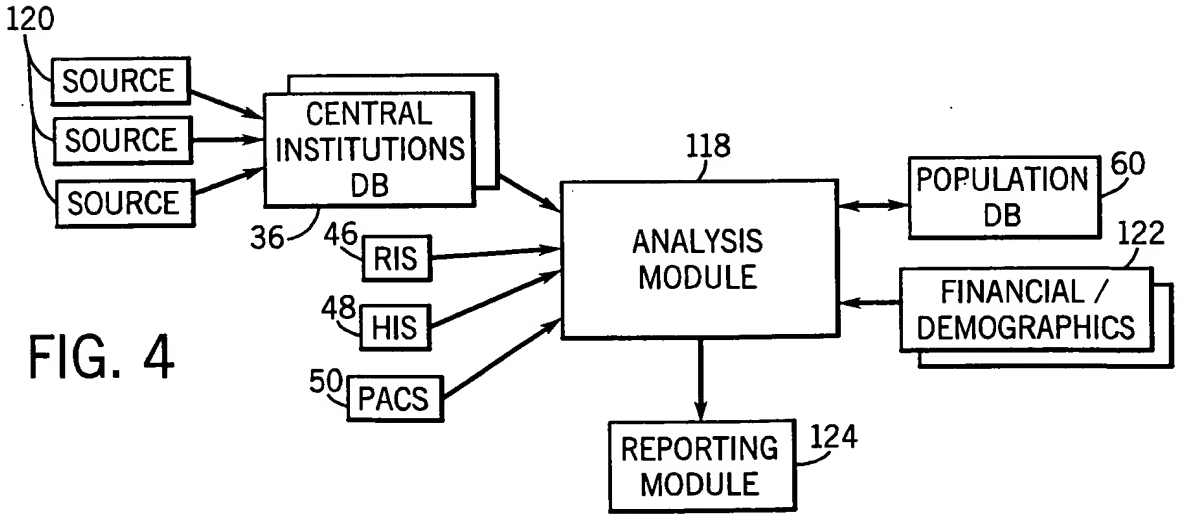

120
SOURCE
SOURCE
SOURCE
CENTRAL INSTITUTIONS DB
36
46
RIS
48
HIS
50
PACS
118
ANALYSIS MODULE
POPULATION DB
60
122
FINANCIAL / DEMOGRAPHICS
REPORTING MODULE
124

FIG. 4

FIG. 5

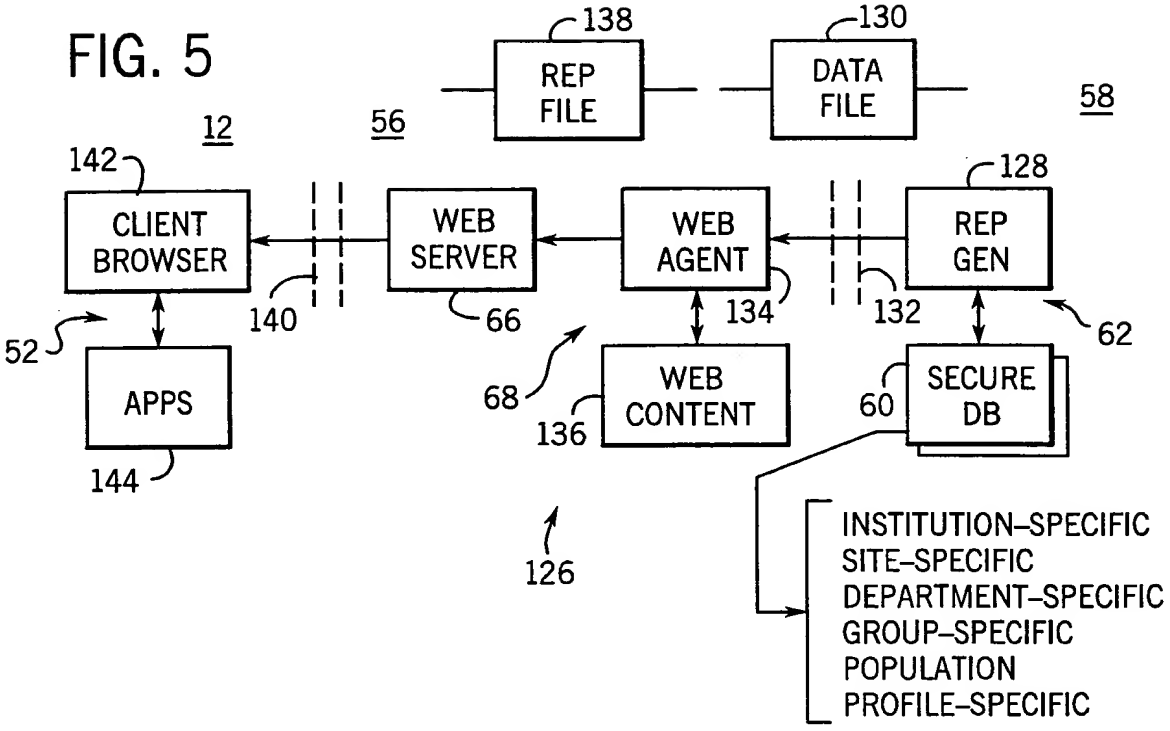



FIG. 6

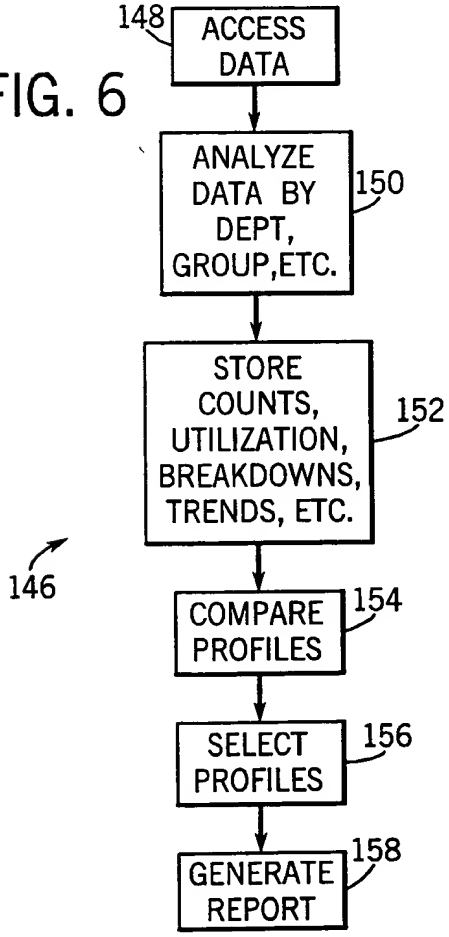



FIG. 7

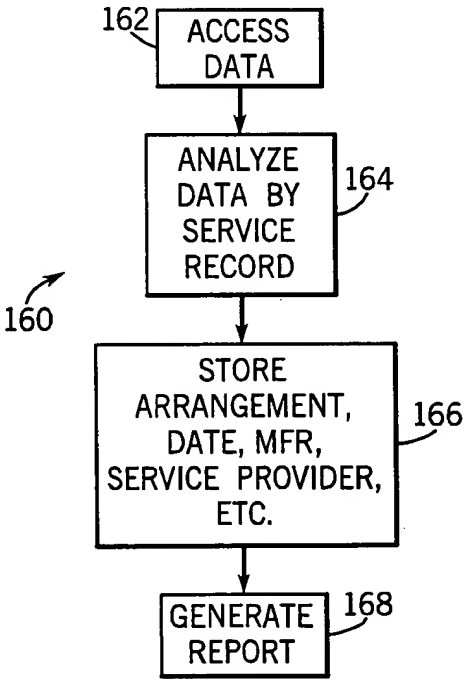


FIG. 8

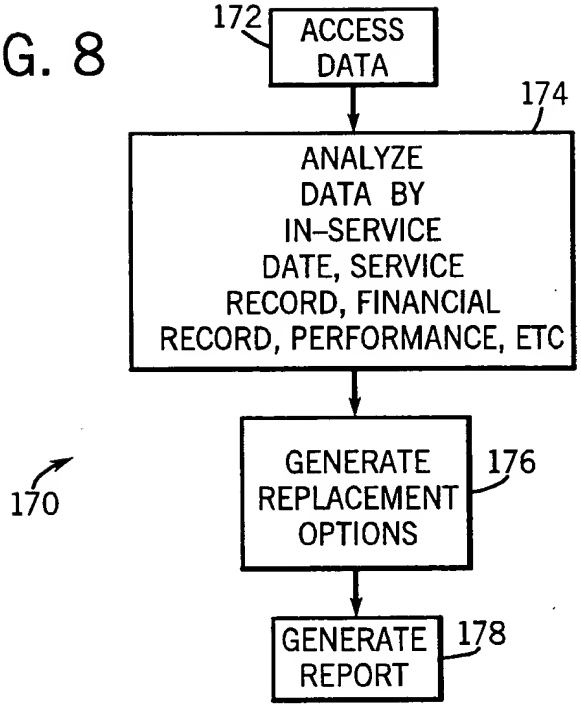



FIG. 9

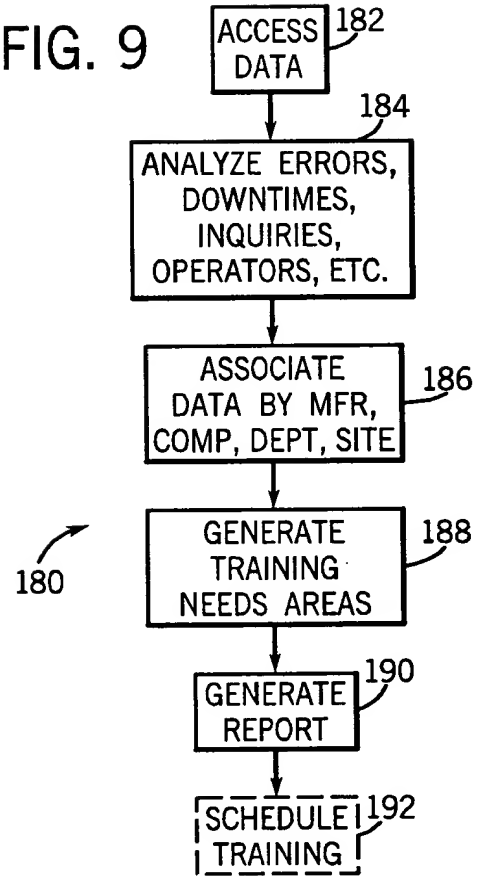



FIG. 10

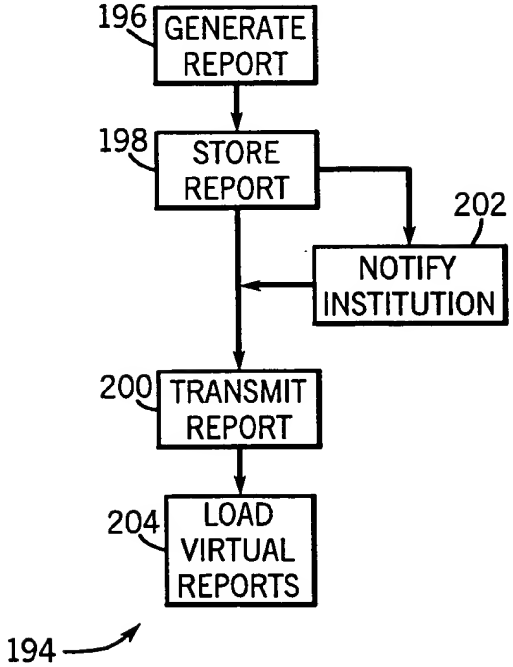


FIG. 11

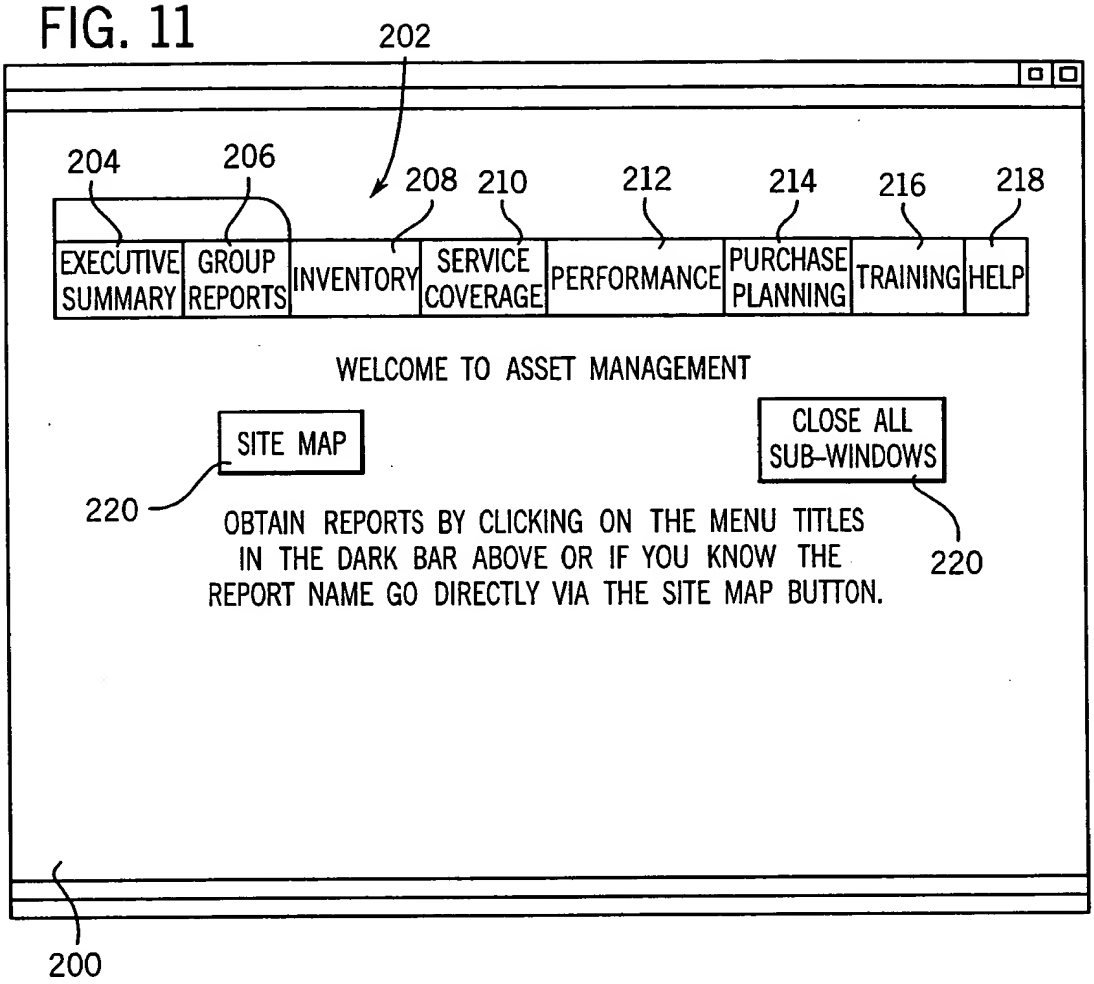

202
204
206
208
210
212
214
216
218
EXECUTIVE SUMMARY
GROUP REPORTS
INVENTORY
SERVICE COVERAGE
PERFORMANCE
PURCHASE PLANNING
TRAINING
HELP
WELCOME TO ASSET MANAGEMENT
SITE MAP
CLOSE ALL SUB-WINDOWS
220
OBTAIN REPORTS BY CLICKING ON THE MENU TITLES IN THE DARK BAR ABOVE OR IF YOU KNOW THE REPORT NAME GO DIRECTLY VIA THE SITE MAP BUTTON.
220
200

FIG. 12

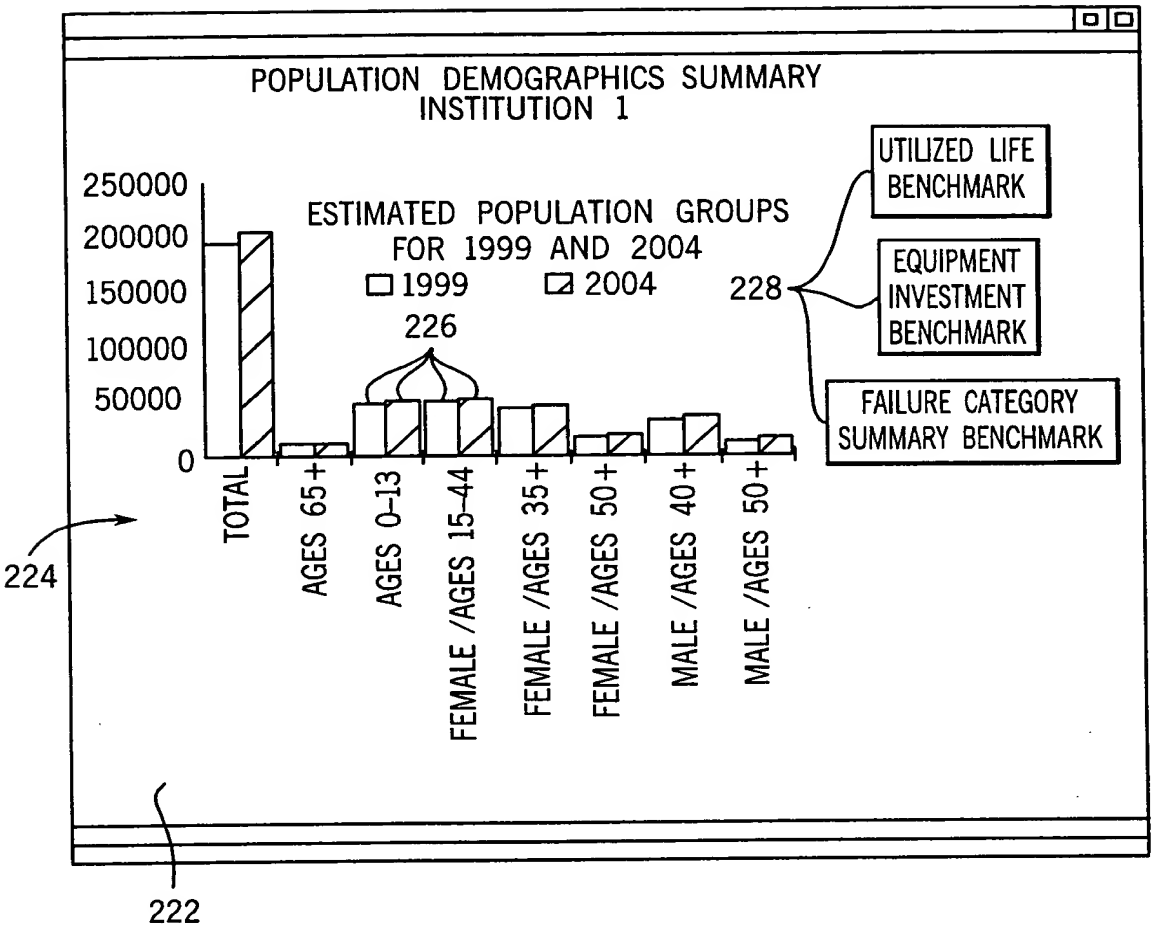

POPULATION DEMOGRAPHICS SUMMARY
INSTITUTION 1
ESTIMATED POPULATION GROUPS
FOR 1999 AND 2004
1999
2004
250000
200000
150000
100000
50000
0
TOTAL
AGES 65+
AGES 0-13
FEMALE /AGES 15-44
FEMALE /AGES 35+
FEMALE /AGES 50+
MALE /AGES 40+
MALE /AGES 50+
226
228
UTILIZED LIFE BENCHMARK
EQUIPMENT INVESTMENT BENCHMARK
FAILURE CATEGORY SUMMARY BENCHMARK
224
222

FIG. 13

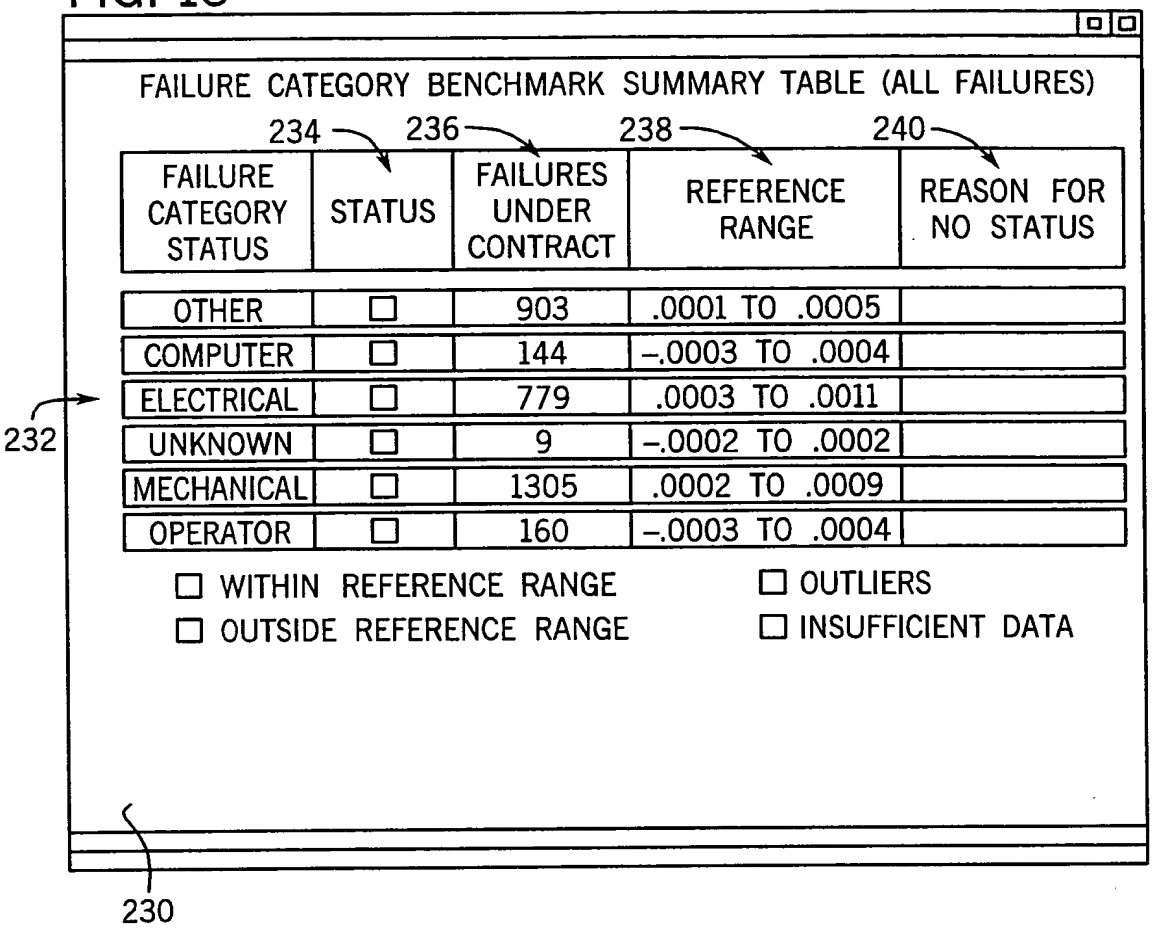

FAILURE CATEGORY BENCHMARK SUMMARY TABLE (ALL FAILURES)
234
236
238
240
FAILURE CATEGORY STATUS
STATUS
FAILURES UNDER CONTRACT
REFERENCE RANGE
REASON FOR NO STATUS
OTHER
903
.0001 TO .0005
COMPUTER
144
–.0003 TO .0004
ELECTRICAL
779
.0003 TO .0011
UNKNOWN
9
–.0002 TO .0002
MECHANICAL
1305
.0002 TO .0009
OPERATOR
160
–.0003 TO .0004
WITHIN REFERENCE RANGE
OUTSIDE REFERENCE RANGE
OUTLIERS
INSUFFICIENT DATA
232
230

FIG. 14

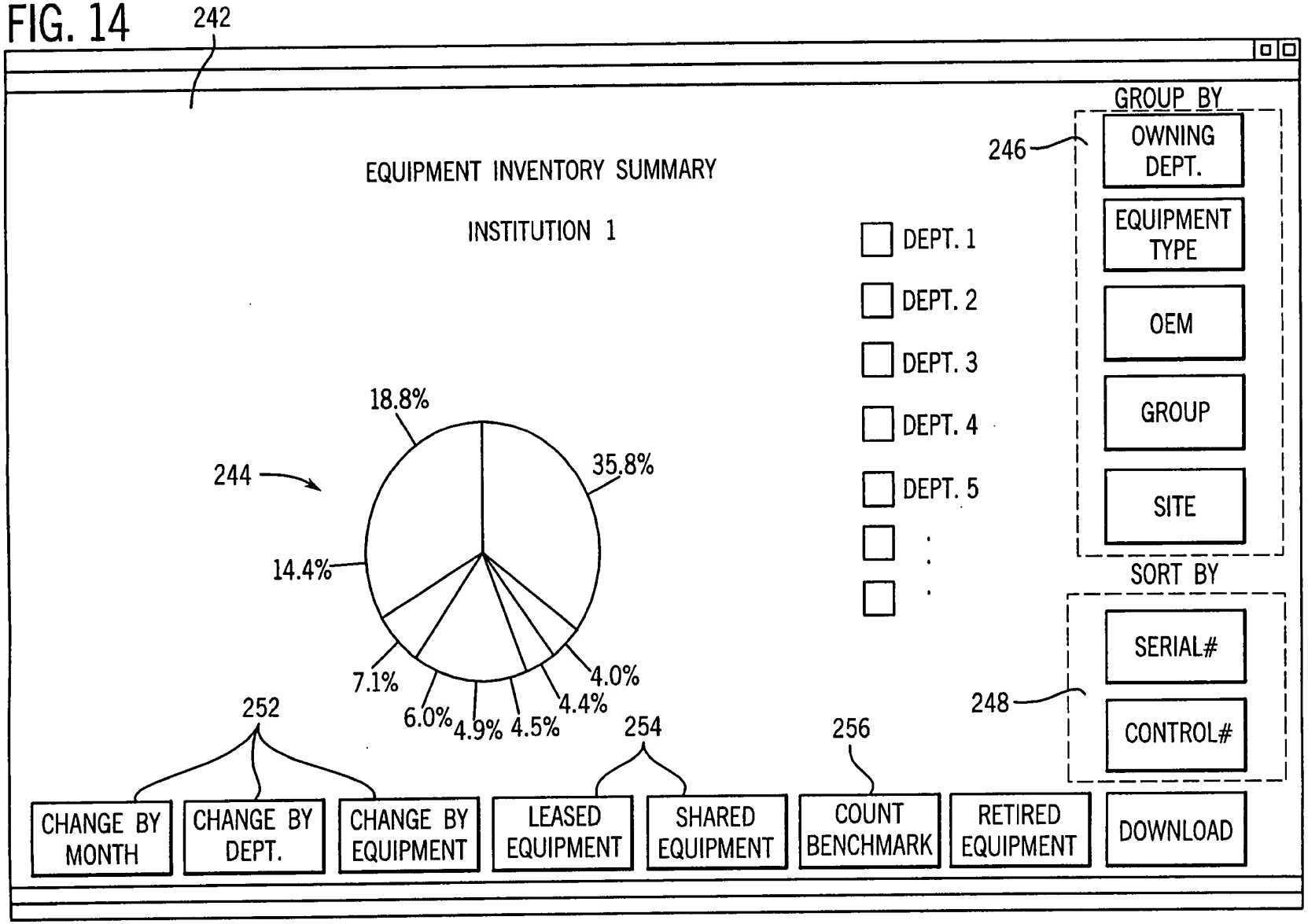

242
EQUIPMENT INVENTORY SUMMARY
INSTITUTION 1
244
18.8%
35.8%
14.4%
7.1%
6.0%
4.9%
4.5%
4.4%
4.0%
DEPT. 1
DEPT. 2
DEPT. 3
DEPT. 4
DEPT. 5
GROUP BY
246
OWNING DEPT.
EQUIPMENT TYPE
OEM
GROUP
SITE
SORT BY
248
SERIAL#
CONTROL#
252
254
256
CHANGE BY MONTH
CHANGE BY DEPT.
CHANGE BY EQUIPMENT
LEASED EQUIPMENT
SHARED EQUIPMENT
COUNT BENCHMARK
RETIRED EQUIPMENT
DOWNLOAD

FIG. 15

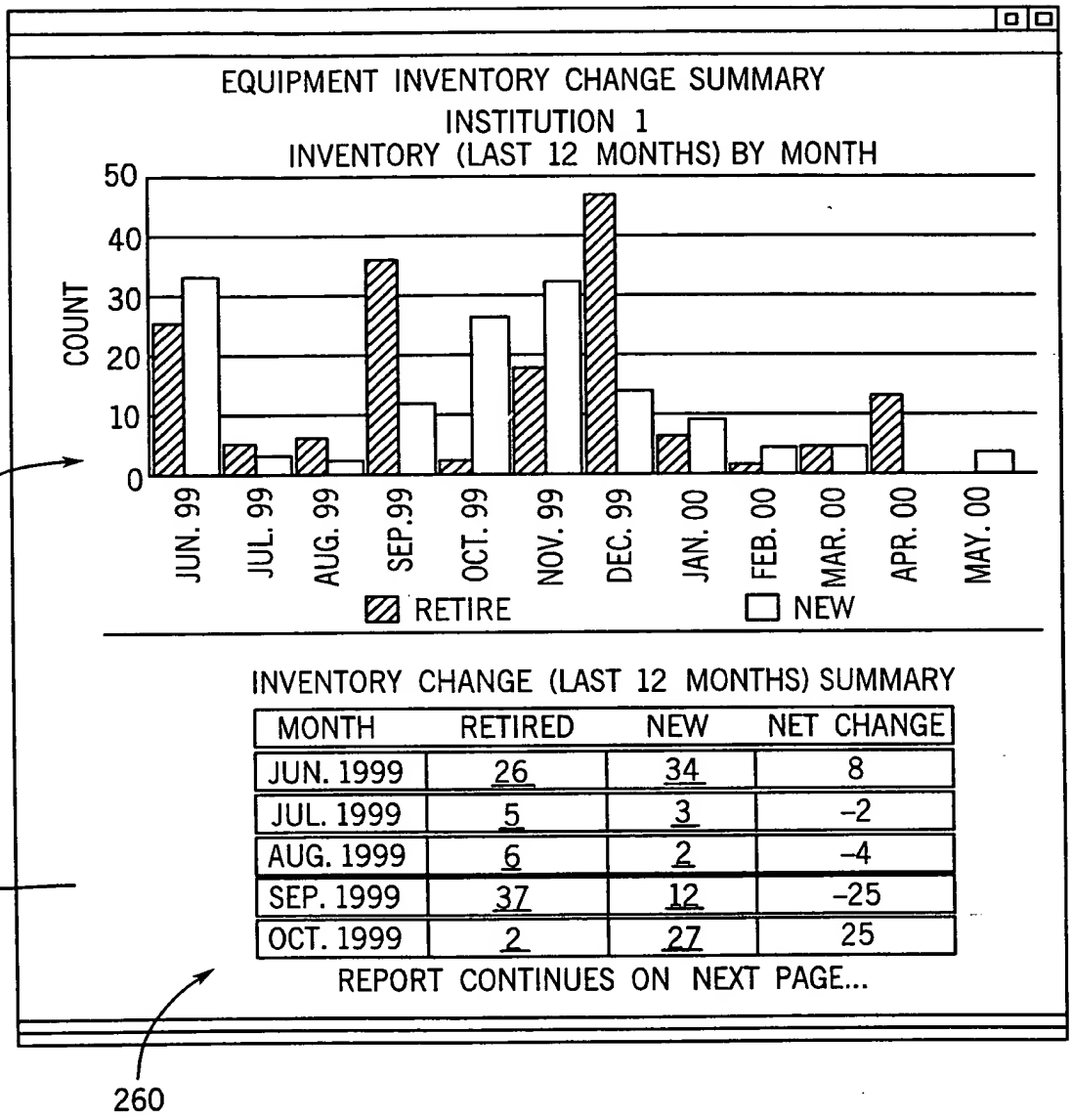

EQUIPMENT INVENTORY CHANGE SUMMARY
INSTITUTION 1
INVENTORY (LAST 12 MONTHS) BY MONTH
COUNT
50
40
30
20
10
0
JUN. 99
JUL. 99
AUG. 99
SEP. 99
OCT. 99
NOV. 99
DEC. 99
JAN. 00
FEB. 00
MAR. 00
APR. 00
MAY. 00
RETIRE
NEW
INVENTORY CHANGE (LAST 12 MONTHS) SUMMARY
MONTH | RETIRED | NEW | NET CHANGE
JUN. 1999 | 26 | 34 | 8
JUL. 1999 | 5 | 3 | -2
AUG. 1999 | 6 | 2 | -4
SEP. 1999 | 37 | 12 | -25
OCT. 1999 | 2 | 27 | 25
REPORT CONTINUES ON NEXT PAGE...
258
256
260

FIG. 16

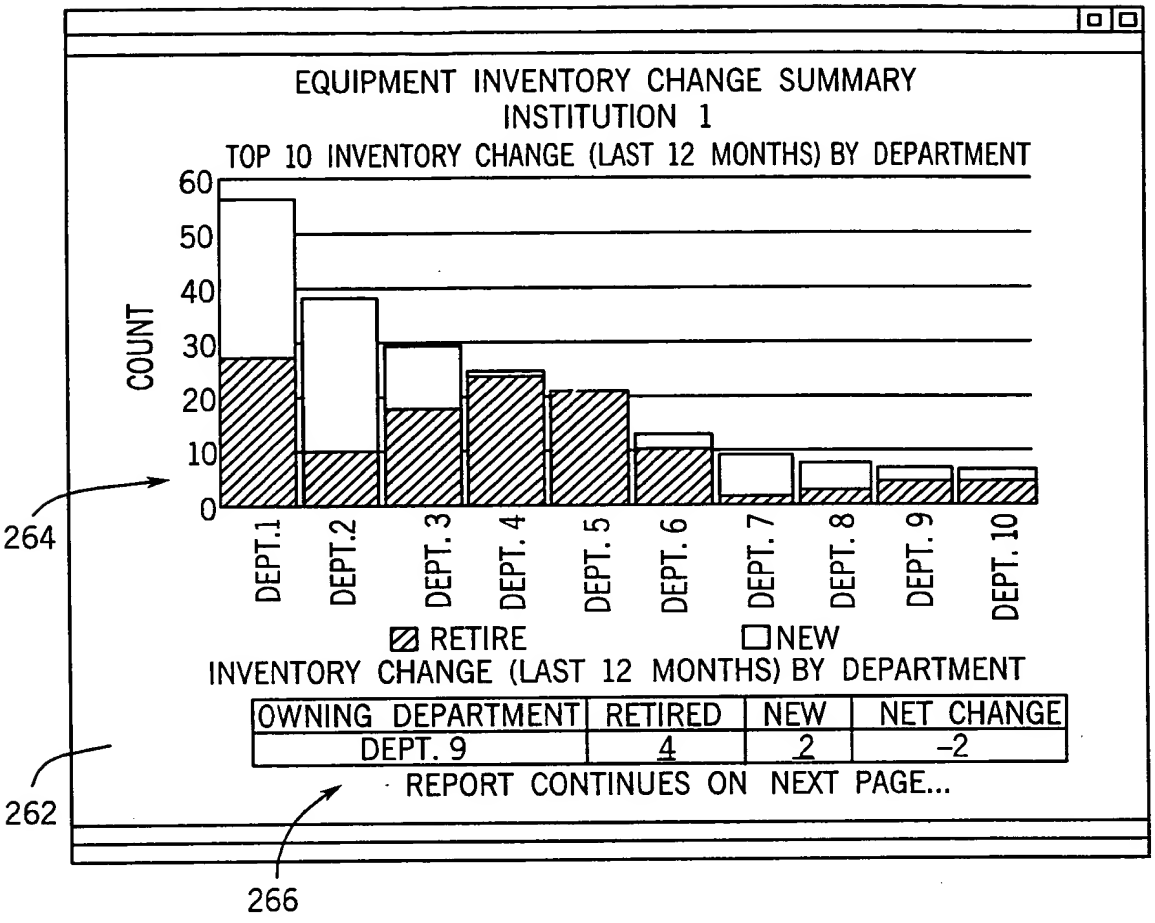

EQUIPMENT INVENTORY CHANGE SUMMARY
INSTITUTION 1
TOP 10 INVENTORY CHANGE (LAST 12 MONTHS) BY DEPARTMENT
COUNT
60
50
40
30
20
10
0
DEPT.1
DEPT.2
DEPT.3
DEPT.4
DEPT.5
DEPT.6
DEPT.7
DEPT.8
DEPT.9
DEPT.10
RETIRE
NEW
INVENTORY CHANGE (LAST 12 MONTHS) BY DEPARTMENT
OWNING DEPARTMENT | RETIRED | NEW | NET CHANGE
DEPT. 9 | 4 | 2 | -2
REPORT CONTINUES ON NEXT PAGE...
264
262
266

FIG. 17

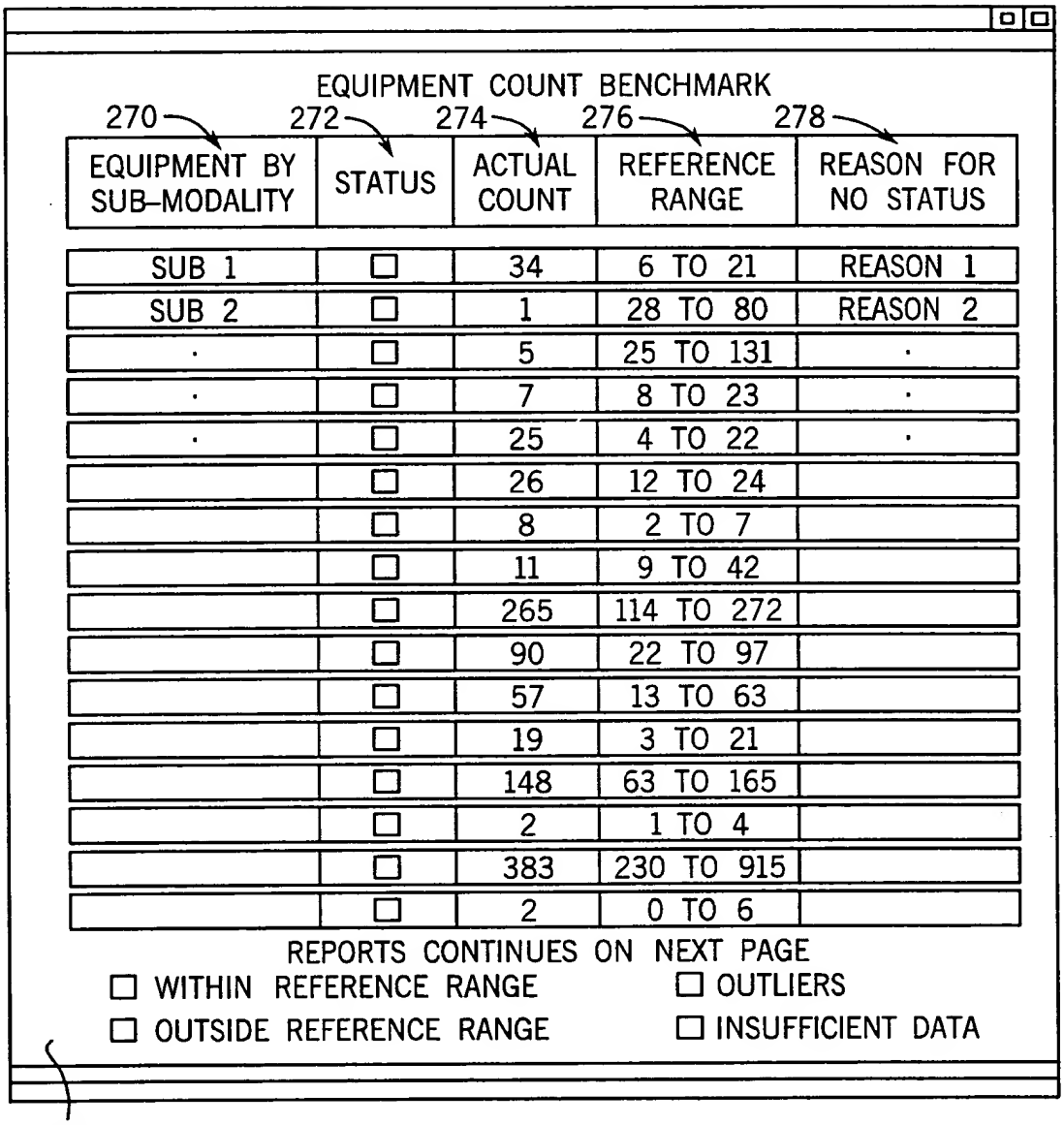

EQUIPMENT COUNT BENCHMARK
270
272
274
276
278
EQUIPMENT BY SUB-MODALITY
STATUS
ACTUAL COUNT
REFERENCE RANGE
REASON FOR NO STATUS
SUB 1
34
6 TO 21
REASON 1
SUB 2
1
28 TO 80
REASON 2
5
25 TO 131
7
8 TO 23
25
4 TO 22
26
12 TO 24
8
2 TO 7
11
9 TO 42
265
114 TO 272
90
22 TO 97
57
13 TO 63
19
3 TO 21
148
63 TO 165
2
1 TO 4
383
230 TO 915
2
0 TO 6
REPORTS CONTINUES ON NEXT PAGE
WITHIN REFERENCE RANGE
OUTLIERS
OUTSIDE REFERENCE RANGE
INSUFFICIENT DATA
268

FIG. 18

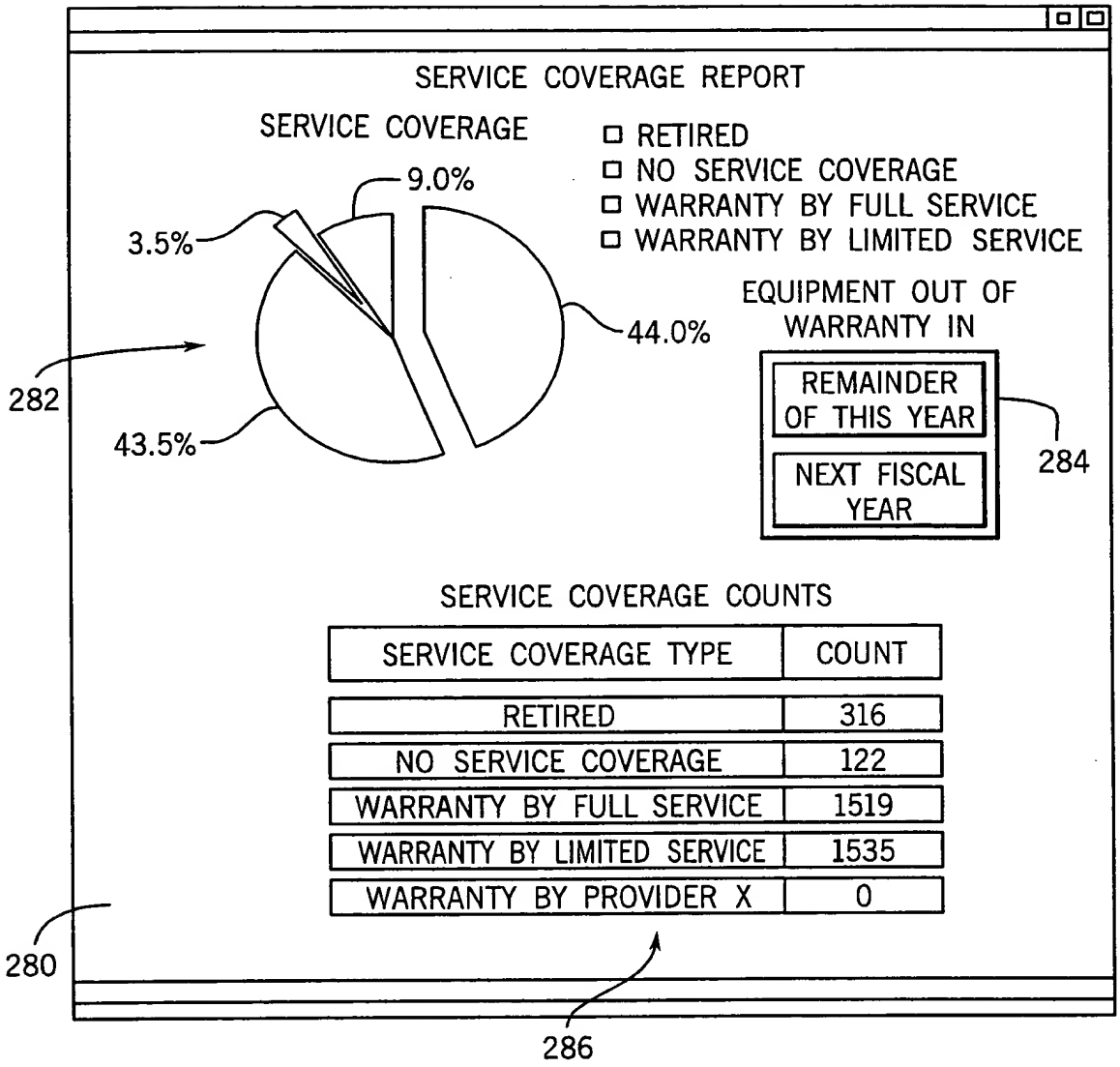

SERVICE COVERAGE REPORT
SERVICE COVERAGE
RETIRED
NO SERVICE COVERAGE
WARRANTY BY FULL SERVICE
WARRANTY BY LIMITED SERVICE
9.0%
3.5%
44.0%
43.5%
282
EQUIPMENT OUT OF WARRANTY IN
REMAINDER OF THIS YEAR
NEXT FISCAL YEAR
284
SERVICE COVERAGE COUNTS
SERVICE COVERAGE TYPE
COUNT
RETIRED
316
NO SERVICE COVERAGE
122
WARRANTY BY FULL SERVICE
1519
WARRANTY BY LIMITED SERVICE
1535
WARRANTY BY PROVIDER X
0
280
286

FIG. 19

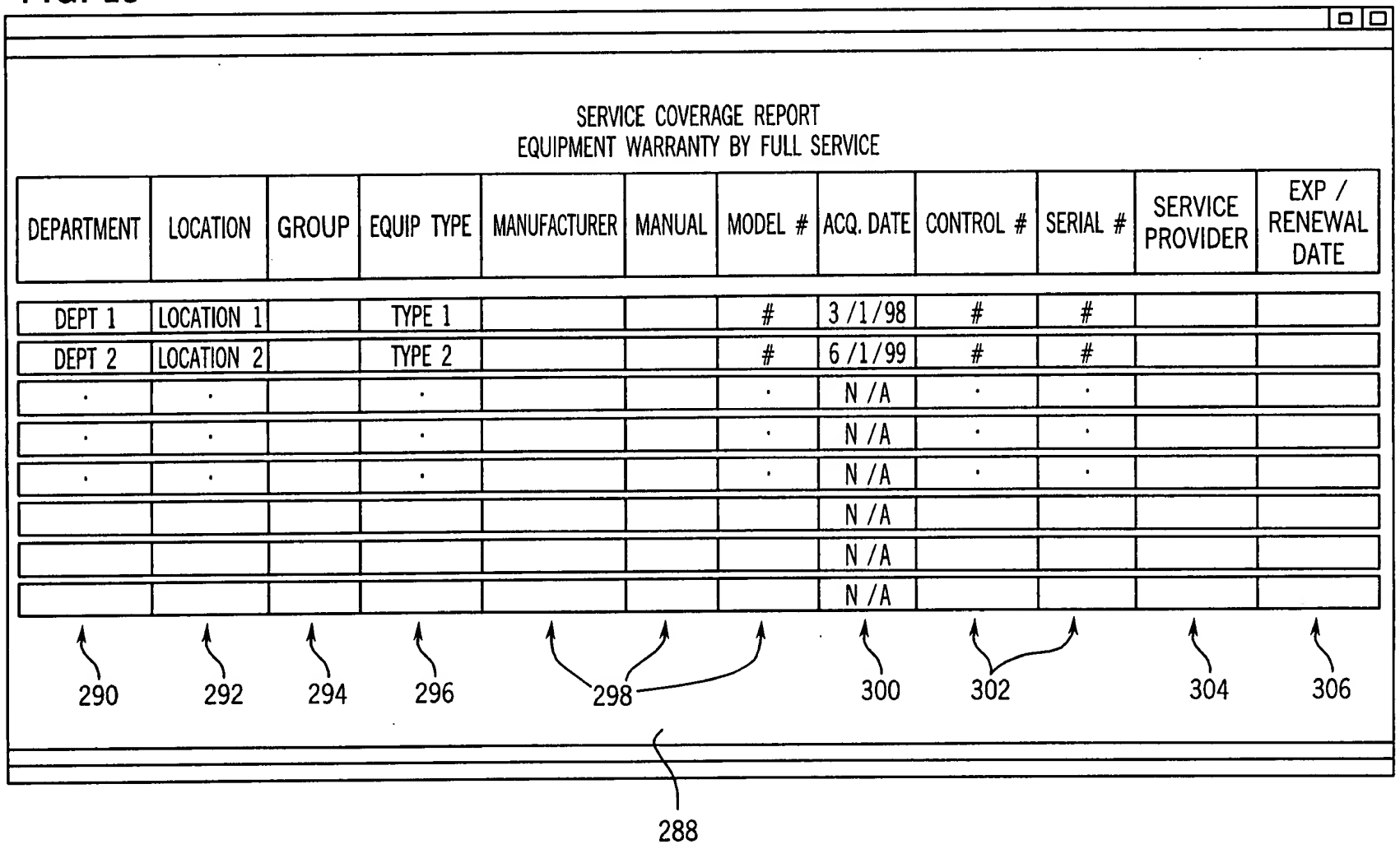

SERVICE COVERAGE REPORT
EQUIPMENT WARRANTY BY FULL SERVICE
DEPARTMENT
LOCATION
GROUP
EQUIP TYPE
MANUFACTURER
MANUAL
MODEL #
ACQ. DATE
CONTROL #
SERIAL #
SERVICE PROVIDER
EXP / RENEWAL DATE
DEPT 1
LOCATION 1
TYPE 1
#
3/1/98
#
#
DEPT 2
LOCATION 2
TYPE 2
#
6/1/99
#
#
N/A
290
292
294
296
298
300
302
304
306
288

FIG. 20

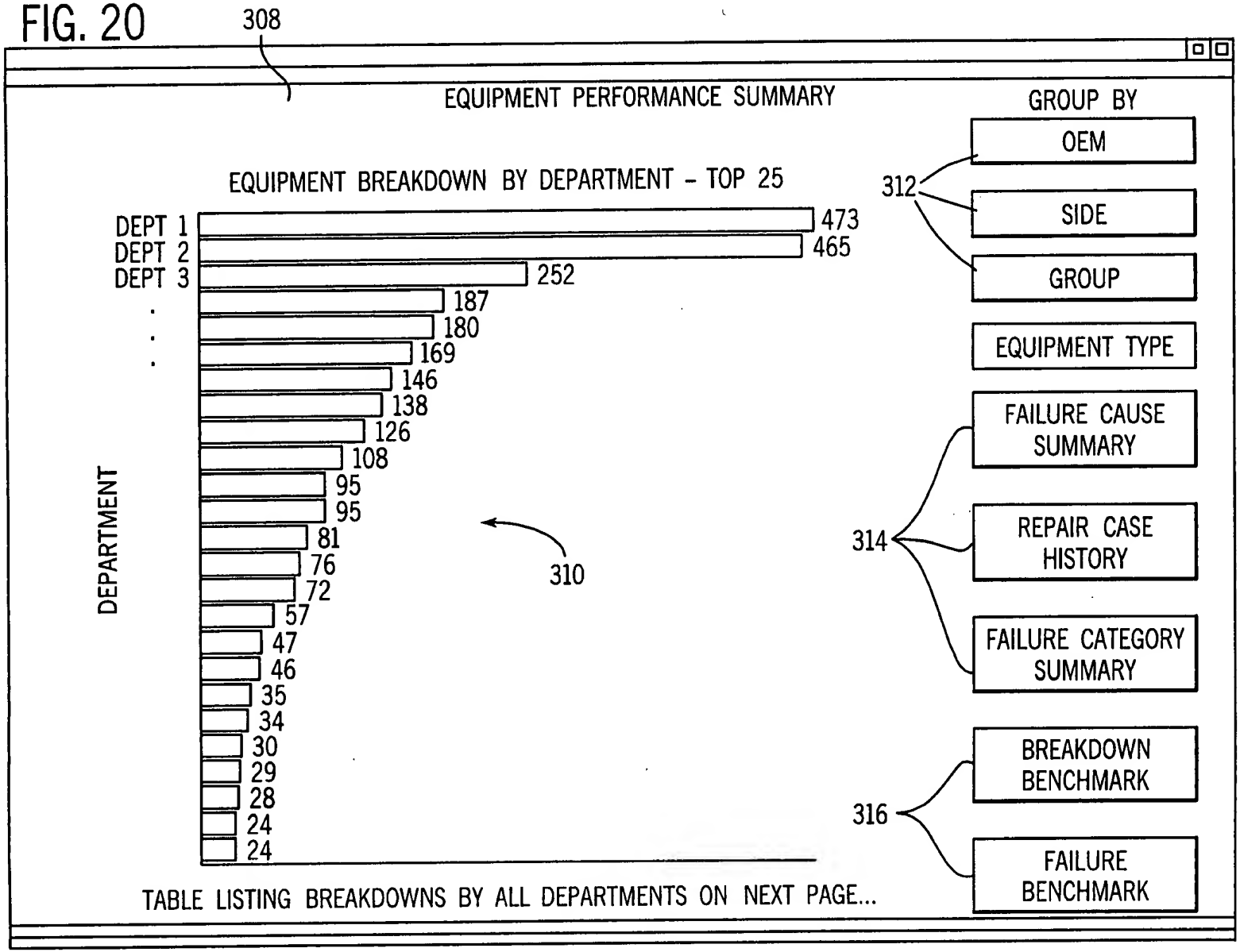

308
EQUIPMENT PERFORMANCE SUMMARY
GROUP BY
OEM
312
SIDE
GROUP
EQUIPMENT TYPE
EQUIPMENT BREAKDOWN BY DEPARTMENT - TOP 25
DEPT 1
DEPT 2
DEPT 3
473
465
252
187
180
169
146
138
126
108
95
95
81
76
72
57
47
46
35
34
30
29
28
24
24
DEPARTMENT
310
FAILURE CAUSE SUMMARY
314
REPAIR CASE HISTORY
FAILURE CATEGORY SUMMARY
BREAKDOWN BENCHMARK
316
FAILURE BENCHMARK
TABLE LISTING BREAKDOWNS BY ALL DEPARTMENTS ON NEXT PAGE...

FIG. 21

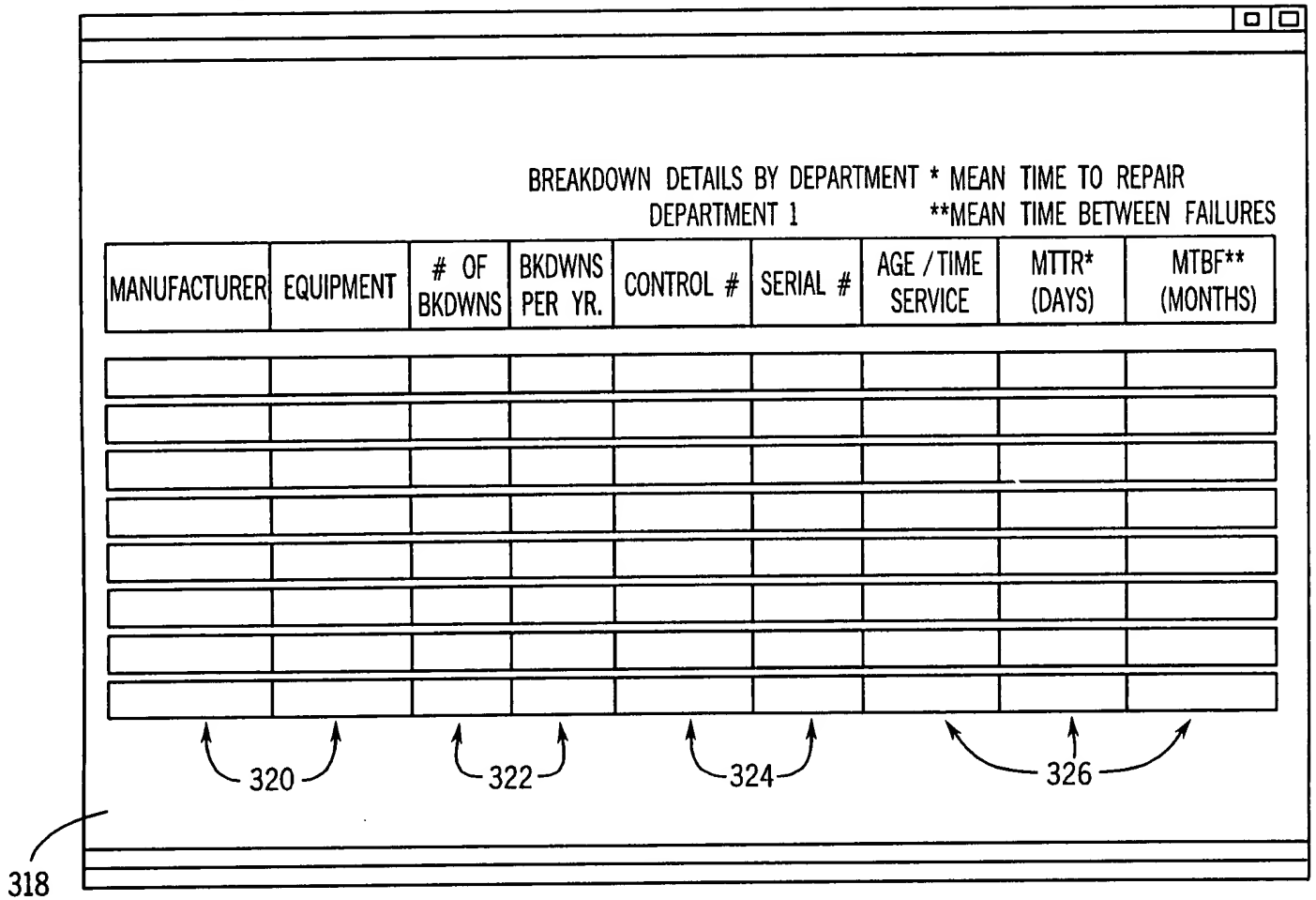

BREAKDOWN DETAILS BY DEPARTMENT * MEAN TIME TO REPAIR
DEPARTMENT 1 **MEAN TIME BETWEEN FAILURES
MANUFACTURER
EQUIPMENT
# OF BKDWNS
BKDWNS PER YR.
CONTROL #
SERIAL #
AGE / TIME SERVICE
MTTR* (DAYS)
MTBF** (MONTHS)
320
322
324
326
318

FIG. 22

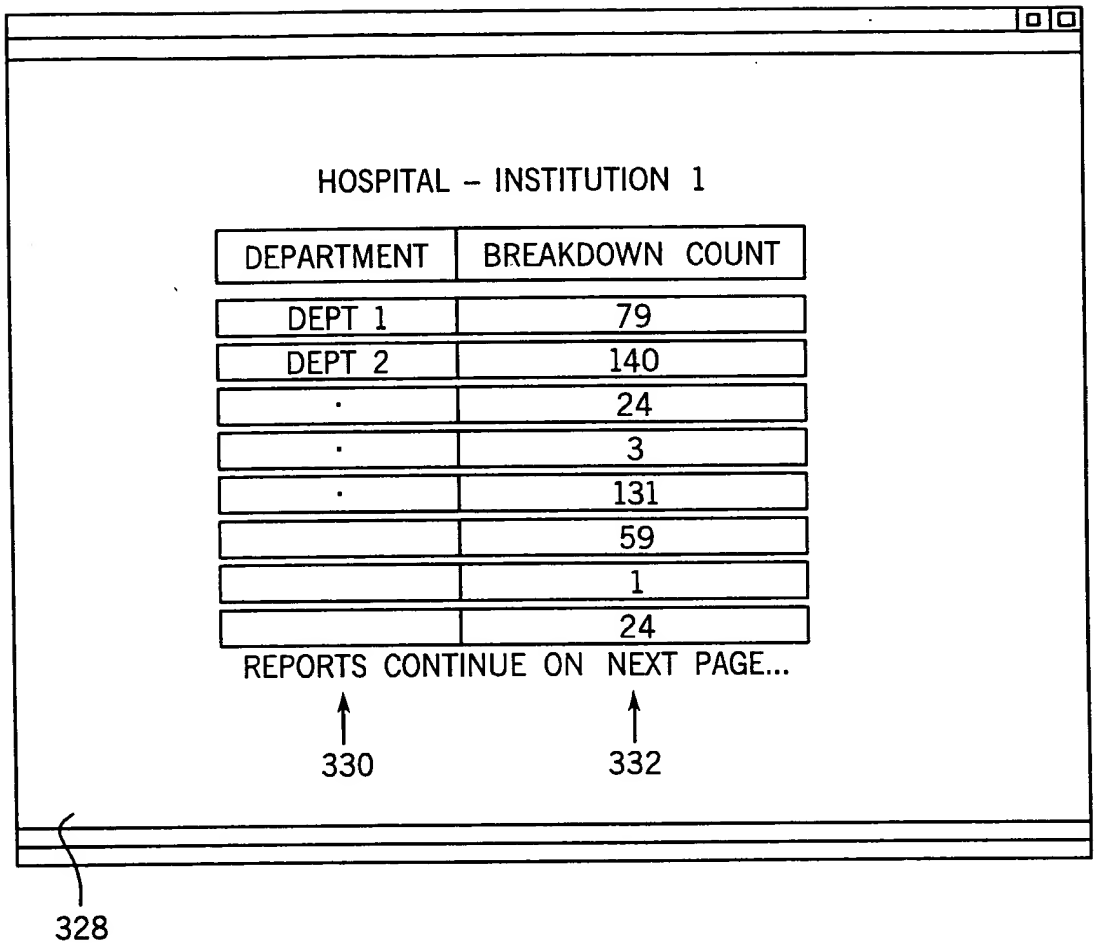

HOSPITAL – INSTITUTION 1
DEPARTMENT
BREAKDOWN COUNT
DEPT 1
79
DEPT 2
140
24
3
131
59
1
24
REPORTS CONTINUE ON NEXT PAGE...
330
332
328

FIG. 23

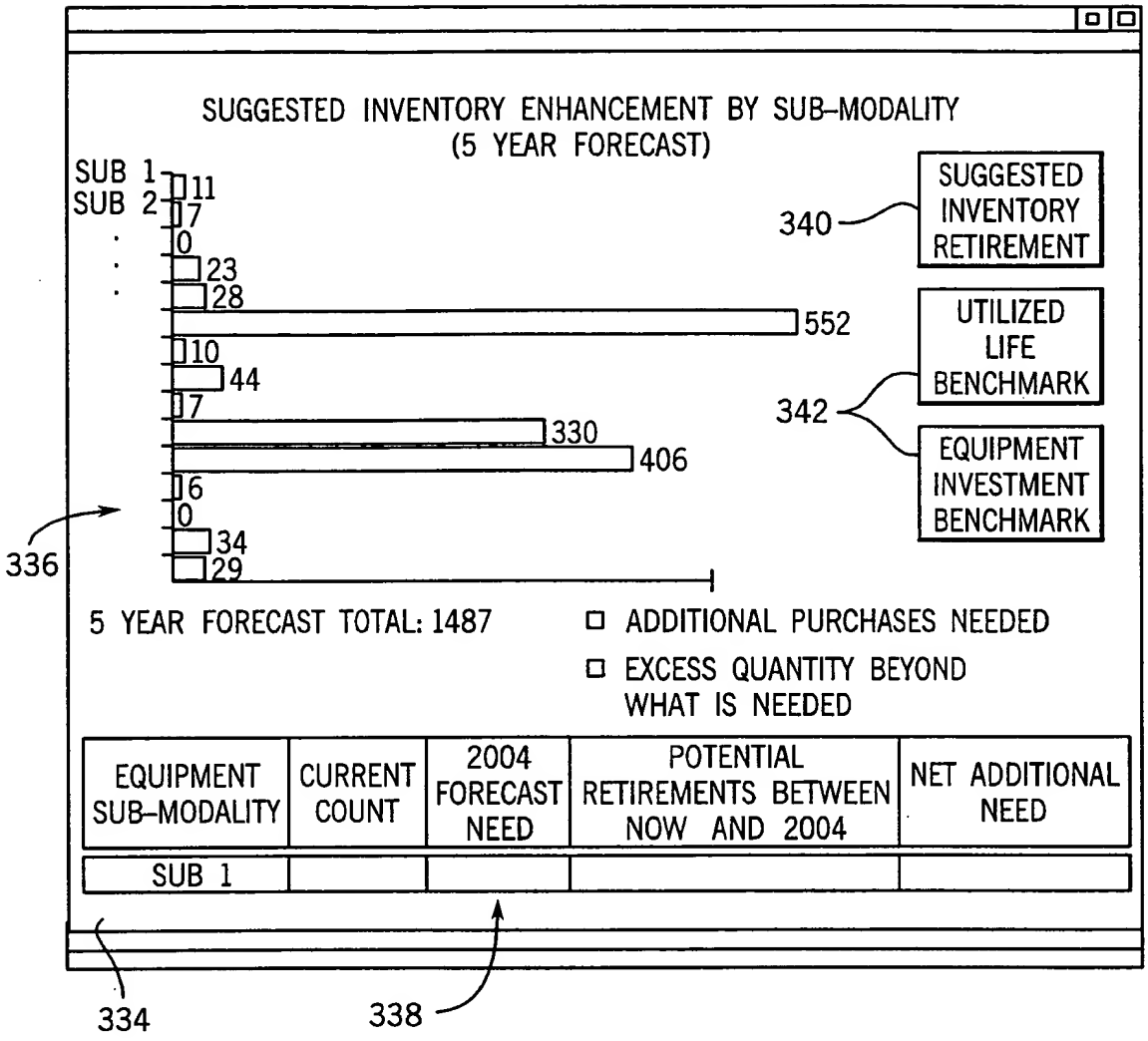

SUGGESTED INVENTORY ENHANCEMENT BY SUB-MODALITY
(5 YEAR FORECAST)
SUB 1
SUB 2
11
7
0
23
28
552
10
44
7
330
406
6
0
34
29
336
340
SUGGESTED INVENTORY RETIREMENT
342
UTILIZED LIFE BENCHMARK
EQUIPMENT INVESTMENT BENCHMARK
5 YEAR FORECAST TOTAL: 1487
ADDITIONAL PURCHASES NEEDED
EXCESS QUANTITY BEYOND WHAT IS NEEDED
EQUIPMENT SUB-MODALITY
CURRENT COUNT
2004 FORECAST NEED
POTENTIAL RETIREMENTS BETWEEN NOW AND 2004
NET ADDITIONAL NEED
SUB 1
334
338

FIG. 24

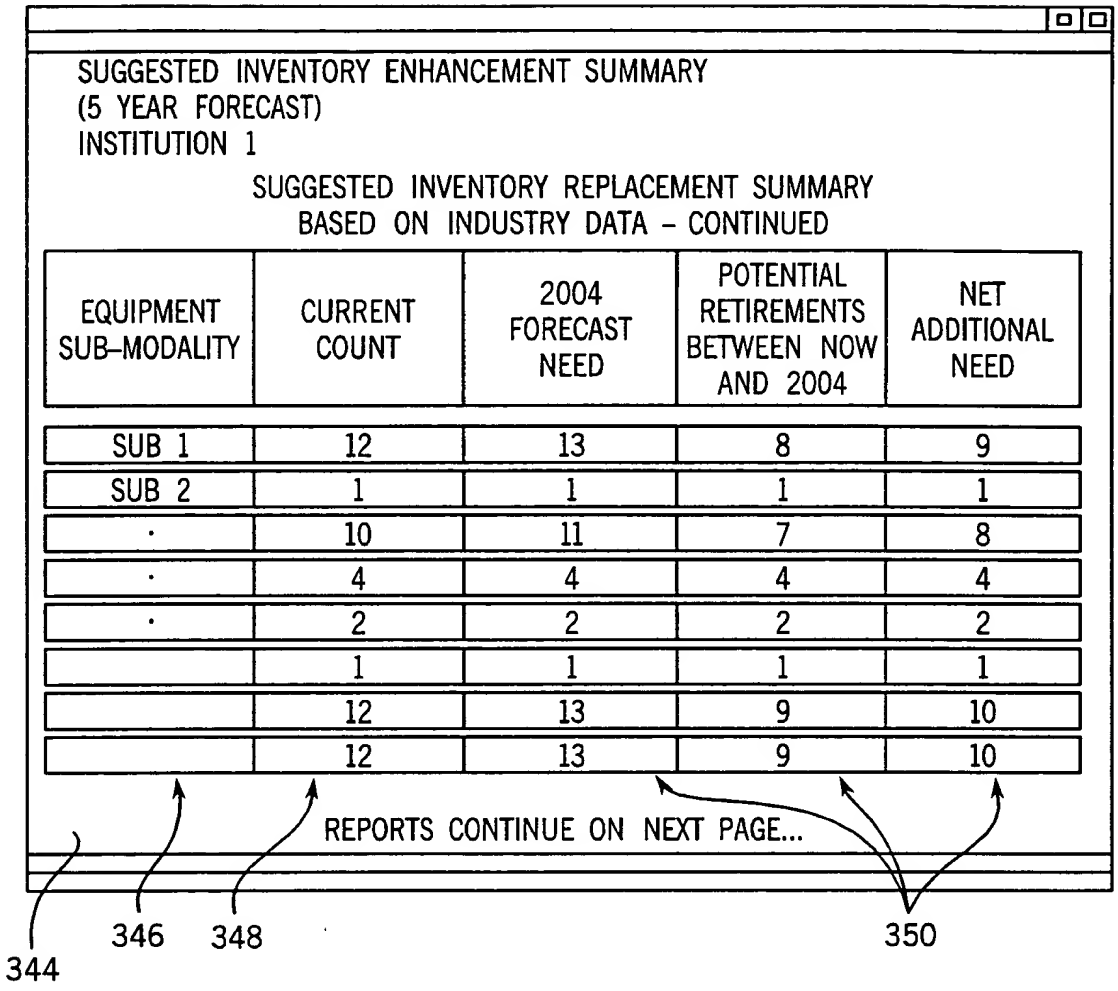
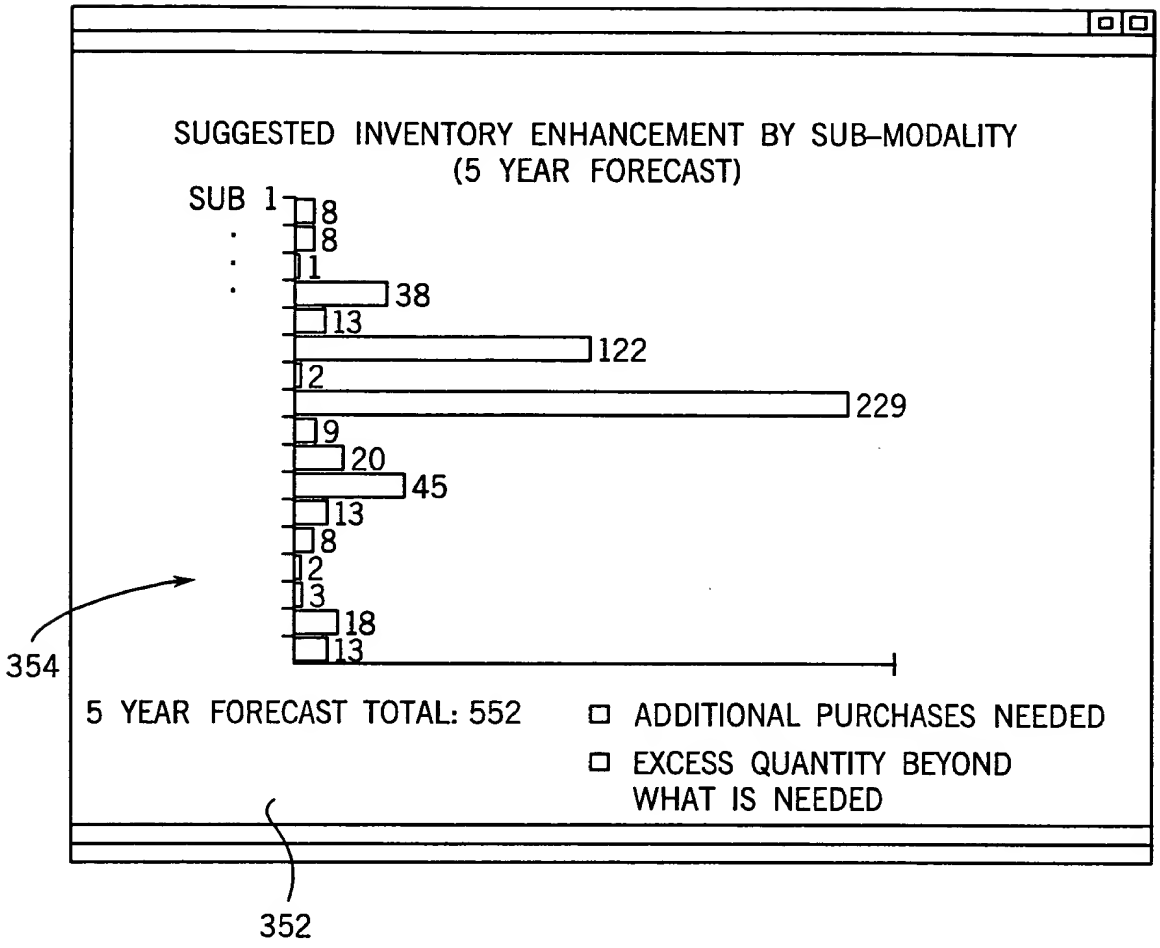

SUGGESTED INVENTORY ENHANCEMENT SUMMARY
(5 YEAR FORECAST)
INSTITUTION 1
SUGGESTED INVENTORY REPLACEMENT SUMMARY
BASED ON INDUSTRY DATA – CONTINUED
EQUIPMENT SUB–MODALITY
CURRENT COUNT
2004 FORECAST NEED
POTENTIAL RETIREMENTS BETWEEN NOW AND 2004
NET ADDITIONAL NEED
SUB 1 12 13 8 9
SUB 2 1 1 1 1
· 10 11 7 8
· 4 4 4 4
· 2 2 2 2
1 1 1 1
12 13 9 10
12 13 9 10
REPORTS CONTINUE ON NEXT PAGE...
344
346
348
350

FIG. 25


SUGGESTED INVENTORY ENHANCEMENT BY SUB-MODALITY
(5 YEAR FORECAST)
SUB 1
8
8
1
38
13
122
2
229
9
20
45
13
8
2
3
18
13
354
5 YEAR FORECAST TOTAL: 552
ADDITIONAL PURCHASES NEEDED
EXCESS QUANTITY BEYOND WHAT IS NEEDED
352